



# ***The Resonator***

**Official Newsletter of the Fair Lawn (NJ) Amateur Radio Club**

**Volume 10, Number 11**

**[www.FairLawnARC.org](http://www.FairLawnARC.org)**

**November 2025**

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## **President's Message**

Hello all FLARC Members,

On Sunday, October 19, 2025 we participated in the Fair Lawn River Road Street Fair. Our CW display and interactive QSL presentation were a big hit with both kids and adults. Our main CW operator was Larry WA2ALY with back-up by Jim W2JC, Steve WI2W and Jim W2KNG. I would also like to thank Vincent KD2TMJ, Sky KD2SOG, Doug KE2FWN and Skip KD2BRV for all their help.

Our Tech Committee is making progress on the upgrading of our antenna system. Hopefully it will be done before the year is out.

Please note that our November Kawfee Tawk™ about doing POTA in Ireland did not occur because KE2NJ had to remain at his workplace unexpectedly. The regular business meeting started at 7:30 PM. Also, at the November meeting floor nominations for all FLARC 2026 officers were opened to the membership. Please check the rest of the Resonator for a full list of people running for a FLARC office for 2026.

GREAT READY FOR OUR ANNUAL BLACK FRIDAY AUCTION on Friday, November 28, 2025 and our Holiday party and FLARC elections just one-week later on December 5, 2025.

Auction and Holiday party details will be sent out to the membership later in the month.

Keep an eye out for upcoming contests that the club is going to participate in. Check out our Website and PLEASE READ the **groups.io** messages for the latest information.

So please think about becoming a more active member and being part of a terrific club! PLEASE reach out to me or anyone on the board if you have an idea or a complaint.

73, Gene, WO2W,  
[WO2W@ARRL.net](mailto:WO2W@ARRL.net)

**Remember:**

**Ham Radio  
Is a Contact Sport!**

# Ham Radio Class Now Forming

The ARC2 Radio Club will be holding  
a 2-day in-person Amateur Extra Radio License CRAM class  
where you can learn what you need to pass your  
50-question exam and earn your upgrade to a  
**Amateur Extra FCC Amateur Radio License.**

*General or Advanced licensees may upgrade to Extra Class.  
The test covers some of the more obscure regulations,  
specialized operating practices, advanced electronics theory and  
radio equipment design.*

**Class: 2 days (Saturday and Sunday) Nov. 15-16**

**Time: 8:00 am to about 5 pm**

**Location: Fairfield, NJ Red Cross office**

209 Fairfield Road, Fairfield, NJ 07004

**Class Fee: \$20** (snacks & facility)

**Exam Fee: \$15** (payable at exam)

## **Schedule:**

- Pre-Studying is required.
- Class: all day Saturday, 8 am to about 5 pm
- Review: Sunday, 8 am to about 2 pm
- Exam: Sunday, after review

**Registration required:** *(with full name, address, cell number, call sign)*  
*Registration closes November 1<sup>st</sup> or when class reaches full capacity of 20.*

To register or to ask questions, email: **NB1LL@ARRL.net**

**Instructor: Bill Kelly, NB1LL**

(that is a #1 in NB1LL)

**ARRL** The national association for  
AMATEUR RADIO®

## Our 2025 Hamfest Sponsors

**AF7KB Books**

<https://fasttrackham.com/>



<https://ARRL.org>



www.DXEngineering.com • 1-800-777-0703

**Kantronics**

<https://kantronics.com/>

 **Powerwerx**

<https://powerwerx.com>

We very much appreciate the  
Sponsorships and  
Door Prize Donations received  
from the groups and companies  
whose logos are shown above.

## FLARC and the ISS [International Space Station]

— reported by Jim W2JC

October 6<sup>th</sup> 2025 was the “big day” but plans and preparations had been going on for months.

For the second time this year, the FLARC – ISS team jumped into action and accepted the challenge to provide “ground to space” two-way communications between 12 lucky students of the Paterson School District and Astronaut Kimiya Yui aboard the ISS.

Our basic FLARC Team was Steve WI2W, Noel W2MSA and Ria N2RJ. Sky KD2SOG and Doug KE2FWN later joined the team. Not only did the team have to assemble the equipment to make a reliable Earth to Space “ground station” but they also had to provide a backup station – just in case!

But that was the relatively easy part of the project. Coordination was needed with the NASA agency that manages these student events, to pick a date and time that was suitable to the astronaut’s schedule as well as the school schedule. NASA kept track of the plans and projects and had “inspectors” who reviewed the equipment to be sure it was “up to spec” to assure a no-disappointment event.

Then there were inspections of the Paterson “P-tech” facilities – deciding where the radios would be set up (turned out to be in there real, live Planetarium) and where the antennas would be mounted (turned out to be on the roof through steep vertical ladder steps and a hatch on the roof!). This was a 2-meter event, and the antennas (coax and rotor control cables) were about 100 feet away from the radios.

Where to get so much low-loss coax cable? And where to get so much heavy-duty control cable? (a lot of current had to go through the control cables to run the horizontal and vertical rotator motors – know as azimuth and elevation). Steve WI2W contacted one of the best friends of ham radio – DX Engineering – to see if we could get a discount on the cables. DXE had already given us coax cables which were used for the earlier (February) ISS contact we did in Clifton. Instead of a discount, DX Engineering generously donated the special control cables that were needed. (See our thank you letter to DXE elsewhere in this issue of The Resonator).

After all the equipment had been gathered and acquired, it had to be set up on-site for testing and refining the location, etc. To get the antennas, the tripods, the cables and other accessories up to the roof, our Team had to pull up each item with rope through the roof hatch! Several tests were required and of course they had to be done when the school was open, meaning several of the team had to take time off from their jobs to do that.

And then there were “dress rehearsals” with the students, to be sure they would know the procedure and practice reading their questions so things would go smoothing during the real event.

The students ranged from grade school to high school, and of course they were nervous as well as being excited.

Steve WI2W was the main radio operator, while Noel W2MSA was his backup. Ria N2RJ took care of the real-time, on-line streaming video program. (The whole event was video-streamed to all the schools in the Paterson NJ school system – thousands of students watched the event!). Sky KD2SOG worked directly with the kids, coaching them and coordinating the timing of each question. Doug KE2FWN worked behind the scenes to be sure all the equipment was working ok.

The morning of Monday, October 6<sup>th</sup> arrived and everyone arrived early for last minute checks while the school folks were getting the 12 kids lined up and ready to go. The ISS pass overhead provides only about ten minutes, at best, contact time so everything has to be choreographed carefully.

Things went perfectly and the students got to ask TWO questions each of the Astronaut. Each student received a special participation certificate.

A very nice news article, written by Darren Tobia, was published in the Paterson Press.

It can be viewed at: <https://bit.ly/ISS-Article-1> or

[http://fairlawnarc.com/ISS/Paterson students talk to astronaut in outer space 251006.pdf](http://fairlawnarc.com/ISS/Paterson%20students%20talk%20to%20astronaut%20in%20outer%20space%20251006.pdf)

A video of the students asking their questions and getting the answers from the Astronaut

can be watched at: <https://bit.ly/ISS-Video-1> or

<https://pps.eduvision.tv/directplayer.aspx?q=63qDjvCLgfFR18PDZWd0xQ%253d%253d>

The full video, as broadcast to all the Paterson schools, can be watched at: <https://bit.ly/ISS-Video-2> or

[https://drive.google.com/file/d/1d4dmcOYhzm4ZzPIaWU6ZHgbUYtwEP\\_OE/view](https://drive.google.com/file/d/1d4dmcOYhzm4ZzPIaWU6ZHgbUYtwEP_OE/view)

Photos are included with the Thank You letter to DX Engineering, on the following pages.

Continued on next page.

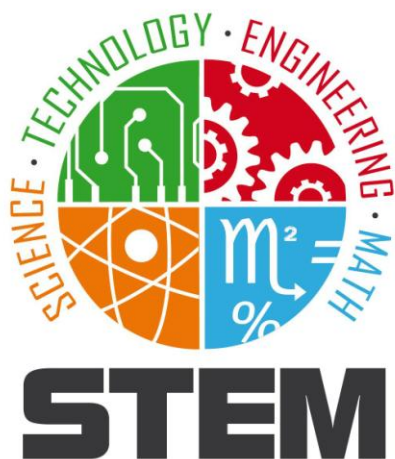
## Behind the Scene of ARISS Contact

— by Steve Holly W12W

Here's a look at what went on behind the scenes in preparation for our October 6, 2025 Paterson P-Tech High School ISS contact.

On a Friday night in February 2025 Dr. Carlos Miranda from the Paterson P-Tech High School dropped by the clubhouse to inquire if FLARC would be interested in helping with an ISS contact. Dr. Miranda had done a Google search and found out that FLARC had done a successful contact for the Fair Lawn school system in 2011. I happened to be at the club that night and enthusiastically responded "of course we will!" (actual FLARC board of directors approval came later :-)

I recruited Noel W2MSA to assist and we were off and running. In order to schedule a contact with the ISS the school needed to prepare and submit an application to ARISS. ARISS (Amateur Radio on ISS) is the liaison organization between the school and NASA.) The reason NASA conducts these school contacts is to encourage students to pursue a career in science, technology, engineering, and math: STEM.



Dr. Miranda had to get permission from the school administration and create a detailed educational plan as well as a live stream broadcast plan, and a technical RF communications plan.

Ria N2RJ, had provided the streaming equipment and ran the live stream for our February 2025 ISS contact and graciously volunteered to advise and mentor the P-Tech High School in accomplishing this part of the contact. Since that school had only been in session for a few weeks before the contact and much of their technical staff had turned over, Ria volunteered to supply the streaming equipment and run the live

stream during the contact. This is one of the most challenging aspects of the contact and a major educational part of the contact to thousands of students worldwide.

NASA has very specific ground station requirements with regard to radios, antennas, tracking, preamps, backup station, etc. Fortunately I had most of the same equipment we used in 2011. It just needed to be assembled and tested - not without its problems as we found out later.

The ARISS application was completed and rejected! Dr. Miranda made a few changes describing the scope and breadth of the potential student audience, resubmitted the application, and it was accepted! ARISS then assigned a technical and educational mentor for the contact, Fred Kemmerer AB1OC, and Kathy Lamont KM4TAY, respectively. Fred and Kathy were instrumental in guiding our progress, ensuring our ARISS deliverables were submitted on time, ultimately resulting in a successful contact.

The FLARC team conducted a site survey and determined that the cable runs from the antennas on the roof of the planetarium school building would be about 200 feet in length. Since this distance was twice as long as our previous contact we needed to test this configuration both for RF performance and rotator control.

We set up the complete station at Field Day this year and determined that the RF side was working great but the additional length of the rotator cables gave poor performance. We obtained two 200-foot lengths of 18 AWG rotator cable with Yaesu rotator connectors – through the generosity of DX Engineering. Once again, thank you DX Engineering. [See page 7.]

Next up was a field test of the complete setup, both to test the equipment and train the team members in the assembly and operation of the station. Should one of us be unable to be at the school on contact day someone else could fill in.

Continued on next page.



## Behind the Scene of ARISS Contact, continued

We had a successful test with the full team, now consisting of Steve WI2W, Noel W2MSA, Ria N2RJ, Sky KD2SOG, and Doug KE2FWN.

While the FLARC team was building the station, Dr. Miranda was busy coordinating the educators while meeting the education monthly deliverables. We were also having monthly and then weekly Zoom meetings with our mentors Fred and Kathy to ensure everything was on schedule.

In mid September we were given a tentative contact date of the week of October 6th. ARISS provided us with a list of possible passes during that week, which we had to prioritize. We eliminated passes that were too early or too late in the day (because the time had to be within school hours) and selected passes that did not go through due North – due to the planetarium dome obstructing the path.



Lucky for us we got our first choice of Monday, October 6<sup>th</sup> at 10:24AM. This was an 82 degree elevation pass, giving us 11 minutes of contact time.

We spent the two Fridays and Saturdays before the contact setting up and testing our station. The first Friday we installed the antennas, tripod, rotor, preamps, cables, etc. on the roof. The team was able to route the cabling coming down through the roof access hatch, then across the ceiling channels and the drop ceiling, into the planetarium. This was no small feat as we needed 12 foot ladders, and several hours of feeding three 200 foot coaxial cables and two 200 foot rotor control cables into the planetarium.



After each practice session the cables were disconnected from the antennas and hung on the roof access hatch ladder. The hatch had to be secured and locked each night. The next day we assembled the station, including the backup station that Ria provided. The primary radio was a TS-2000 connected to the beam antennas and the backup radio was an IC-9700 connected to a vertical antenna.

The following Friday was another radio test day where we made satellite contacts through the ISS repeater, RS-44 and SO-50 in order to test the radio and computer controlled antenna tracking system. Saturday was the dress rehearsal with the students.

We had a very successful contact on Monday morning and the smiles on the students faces will last a lifetime.

After the contact we had enough time to disassemble the station, load up the cars, and have a well deserved slice of pizza and cold one to celebrate our success.

I would like to thank Dr. Miranda for inviting us to participate, FLARC for supporting the event, and a special thank you to Noel W2MSA, Ria N2RJ, Sky KD2SOG and Doug KE2FWN for your time, your hard work, and your team spirit in making this ARISS contact the perfect success that it was.

— Steve WI2W

## FLARC and the ISS, continued



10-10 20<sup>th</sup> Street  
Fair Lawn, NJ 07410

November 4, 2025

DX Engineering Management Team  
1200 Southeast Avenue  
Tallmadge, OH 44278

The Fair Lawn ARC Board and our ARISS Support Team want to thank DX Engineering for the very generous additional donation of several high-quality rotor control cables, with installed connectors, in support of our second scheduled student question sessions with the ISS this year.

The cables were used to connect our rigs inside the school's Planetarium building to the antennas on the roof -- a significant distance from the operating position. They were used when we hosted an ISS contact project on October 6<sup>th</sup> for the Paterson NJ school system, where they connected our rigs to the antennas on the roof of the school. This event was live video broadcasted to the entire Paterson school system (36,000 students and teachers)!

FLARC appreciates the value of your special rotor control cable donation, as they were instrumental in the success of our unusual ground station configuration.

A video of the entire contact session with the ISS, which was live-streamed for parents and other students to watch, can be seen at [https://drive.google.com/file/d/1d4dmcOYhzm4ZzPlaWU6ZHgbUYtwEP\\_0E/view](https://drive.google.com/file/d/1d4dmcOYhzm4ZzPlaWU6ZHgbUYtwEP_0E/view)

DX Engineering is well known for your generous support of amateur radio special events, and FLARC is proud and grateful for your support of our ARISS events.

---

Gene Ottenheimer WO2W  
President

---

Nomar Vizcarrondo NP4H  
Vice President

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Robert Marchini KD2SOG  
Treasurer

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Jim Cooper W2JC  
Secretary





## FLARC and the ISS, continued

**Students from Paterson (NJ) School District speak directly  
to Astronaut aboard the ISS International Space Station  
thanks to the skills and equipment of the  
Fair Lawn (NJ) Amateur Radio Club,  
using the club call sign W2NPT**





## FLARC goes to the Street Fair

— reported by Jim W2JC

On Sunday morning, October 19<sup>th</sup> several club members arrived at the club at 09:00 (just as the building was opened) to load up tables, chairs, the canopy and lots of other items needed to set up a booth at the Fair Lawn Avenue Street Fair.

Rules of the Fair said that non-profits could not check in until 10:00, and we didn't know where our booth would be until we checked in. Our booth location turned out to be just about in the middle of the Fair's stretch from Fair Lawn Avenue to Berdan Avenue, which gave us a lot of exposure to Fair-goers as they strolled the length of the Fair.

We set up two six-foot tables under the canopy, with a card table between them for the now famous Morse Code demonstration presented by our renowned Captain Larry WA2ALY.

On the big table we had set up the ticket-tumbler with an assortment of QSL cards from around the world. At the end of the table was a world map on an easel, and hanging above the table was the large world map with QSL cards around the border -- which we usually have at our public demonstrations.

As always, Larry's Morse Code intro was very popular among the kids and Larry was often able to get their parent(s) to sit down and do it as well. As Larry points out to us, this can form a "bond" between the parent and child, as they have done something in common that is quite unusual.



Sky KD2SOG and Jim W2JC ran the "Where in the world is this QSL card from?" activity. First, the visitor got a brief explanation of what a QSL card is and how we hams who talk to stations all over the world often share such cards after the radio contact.

Then came the challenge. This involved the visitor spinning the tumbler to mix up the cards, picking a card and then trying to determine (from info on the card) what country the

card was from. After that they were invited to try to find that country on the world map. Many could; others realized there are a lot of countries in this big round world!!

The visitor was then invited to take the QSL card with them. The cards used were donated by the W2 Incoming QSL Bureau, and were cards that have not been claimed by area hams. The cards selected were ones that show something unique about the town or country in which the sending ham lives, which gave the visitor a look at other cultures as well as an intro to ham radio.

We had many visitors who made the common comment: "Oh, do you still do that?" to which we of course answered "Yes, we do!" and proceeded to tell them all about ham radio.

Many others were surprised to learn that Fair Lawn actually has an amateur radio club. And still others either had a family member who was/is a ham, or were interested to learn more (so of course they got one of our flyers!)

One family (father, mother and son) have actually come to the club to visit and see what it's all about. And there was a non-ham who stopped by and told us about how he has used Meshtastic units at trade conventions to keep in touch with his group.

It was a long day... from 0900 until about 1630... but everyone felt it was a successful day of outreach to the public.

Many thanks to the club members who helped make it such a successful day: W02W, KD2SOG, WA2ALY, WI2W, KD2BRV, KE2FWN, KD2TMJ, W2JC...



L-R: Steve WI2W, Jim W2JC, Doug KE2FWN, Skip KD2BRV, Larry WA2ALY, Sky KD2SOG, Louie N2NVE

Photos thanks to Steve WI2W

## 2026 Dues will be due soon

New members: only \$20 for your first year ! And if you sign up after October 1<sup>st</sup> you get next year free.

There are no changes to dues for the upcoming year. Renew now, and let us know what activities or features would make you more active with the club.

Please make checks payable to:  
"Fair Lawn Amateur Radio Club"  
and send them to:

Fair Lawn ARC  
– Attn: Treasurer  
10-10 20<sup>th</sup> Street  
Fair Lawn, NJ 07410

Please include a member application form with your \$25 check regardless of your member status. It can be found near the back of this newsletter.



## EmComm SIG Updates

### [Emergency Communications via Ham Radio]

Amateur radio operators use their training, skills, and equipment to provide communications during emergencies. Hams serve our communities when storms or other disasters damage critical communication infrastructure, including cell towers, and wired and wireless networks. Amateur radio can function completely independently of the internet and phone systems. An amateur radio station can be set up almost anywhere in minutes. Hams can quickly raise a wire antenna in a tree or on a mast, connect it to a radio and power source, and communicate effectively with others.



## The Resonator Is Now Archived!

Ever wanted to search for something in *The Resonator*? Maybe a member profile. Perhaps a past Street Fair. Even who participated at Field Day in 2017.

Now you can. *The Resonator* has now been accepted as part of the Digital Library of Amateur Radio and Communications. DLARC is a project of the Internet Archive (the not-for-profit online library best known for *The Wayback Machine*.) DLARC is growing to be a massive online library of the past and present of ham radio and related communications. It is funded by a grant from Amateur Radio Digital Communications.

When you need to find something, go to:  
<https://archive.org/details/flarc-resonator>

You can use the search "text contents" field to do a full-text search on all issues or click "Date Published" to see them sorted by publication date.

## Get Direct With FLARC!

Here is a direct link to specific club info: just a click away!

<http://apparel.FairLawnARC.org>  
<http://auction.FairLawnARC.org>  
<http://blog.FairLawnARC.org>  
<http://calendar.FairLawnARC.org>  
<http://events.FairLawnARC.org>  
<http://exams.FairLawnARC.org>  
<http://facebook.FairLawnARC.org>  
<http://news.FairLawnARC.org>  
<http://swap.FairLawnARC.org>  
<http://tech.FairLawnARC.org>  
<http://youtube.FairLawnARC.org>

<https://groups.io/g/FairLawnARC>



The **FLARC EmComm SIG** is working closely with the NENJ-ARES group (North East NJ) to create an area-wide corps of well prepared hams who can handle emergency communications accurately and efficiently.

Times have changed and we can now use digital message formats as well as voice messaging.

If you would like to learn more about this phase of ham radio, send an email to —

[main+owner@NENJ-ARES-EMCOMM.groups.io](mailto:main+owner@NENJ-ARES-EMCOMM.groups.io)

or contact Jim N2JLF at [N2JLF@arrl.net](mailto:N2JLF@arrl.net)

# The Fair Lawn Amateur Radio

Why is FLARC New Jersey's Most Exciting Radio Club?

## Annual and Special Events



- Field Day
- Winter Field Day
- World Amateur Radio Day
- Portable Day
- Earth and Environmental Days
- Field Trips
- Club Exchanges
- Special Even
- Public Service Activities
- Public Events
- Ham fests and Auctions
- Foxhunts
- Contests
- Youth Activities and more

## There Is Something Every Night At FLARC!

Monday: Near and Far Net

Tuesday: DMR Net and Open House at the clubhouse

Wednesday: ARES/RACES Net

Thursday: Tech Net

Friday: Open House at the clubhouse or *Kawfee Tawk* Speaker Series (Monthly via Zoom)

Weekends: Open House at the clubhouse, POTA and other station activations, Contests, Foxhunts



## Special Interest Groups

- Portable Ops (POTA, SOTA, etc.)
- DX: Chase the rare ones
- Digital Voice: DMR and other modes
- FT8: Plus, other WSJT modes
- Satellite: Also, for weather interests
- Monitoring: SWL and other listening
- Contesting
- EMCOMM
- Radio Direction Finding
- Raspberry pi, Arduino



## Plus:

- A five-position operating station clubhouse
- An active repeater—W2NPT linked with NJ2BS.
- New antennas on the roof
- Monthly VE testing
- An award-winning newsletter
- Monthly speaker programs
- Educational programs and activities
- Active in-person and social networking
- An extensive video education archive

## That is Why FLARC Is the Most Exciting Club Around!

Come join us in-person or via Zoom for more activities, speakers, and projects!

[www.fairlawnarc.org](http://www.fairlawnarc.org)





**The Club** Fair Lawn ARC is the fastest growing ham club around, with five operating positions in a permanent clubhouse. Visitors and guests are always welcome. The club is open every Friday night, except when there is a Business Meeting scheduled, from NLT 6:30 PM. Business meetings are the first Friday of the month at 7:30PM.

#### 2025 Officers, Committees and Assignments

|                                     |                                     |                |
|-------------------------------------|-------------------------------------|----------------|
| President                           | Gene Ottenheimer                    | WO2W           |
| Vice President                      | Nomar Vizcarrondo                   | NP4H           |
| Treasurer                           | Robert Marchini                     | KD2SOG         |
| Secretary                           | Jim Cooper                          | W2JC           |
| Trustee                             | Judith Shaw                         | KC2LTM         |
| Trustee                             | Lowell "Van" VantSlot               | W2DLT          |
| Trustee                             | Noel Pagan                          | W2MSA          |
| Member Services<br>Health & Welfare | Judith Shaw                         | KC2LTM         |
| Marketing                           | Nomar Vizcarrondo<br>Jim Cooper     | NP4H<br>W2JC   |
| Program                             | [open]                              |                |
| Video/YouTube                       | Thom Guida                          | W2NZ           |
| Social Media                        | Brian Duddy                         | N2BTD          |
|                                     | Thom Guida                          | W2NZ           |
|                                     | Dave Marotti                        | NK2Q           |
| Photographer                        | Robert Marchini                     | KD2SOG         |
| Community Relations                 | Gene Ottenheimer<br>Dave Gotlib     | WO2W<br>KD2MOB |
| Field Day 2026                      | [open]                              |                |
| Winter Field Day 2026               | [open]                              |                |
| Hamfest                             | Gene Ottenheimer                    | WO2W           |
| Auction                             | Brian Cirulnick                     | KD2KLN         |
| Education                           | [open]                              |                |
| Youth Outreach                      | Robert Marchini                     | KD2SOG         |
| Adult Outreach                      | Lowell "Van" VantSlot<br>Jim Cooper | W2DLT<br>W2JC  |
| VE Testing Coordinator              | Gene Ottenheimer                    | WO2W           |
| Special Events                      | James Gallo                         | KB2FMH         |
| Contests                            | Lowell Vant Slot                    | W2DLT          |
| FLARC Historian                     | Fred Belghaus                       | KR2H [W2AAB]   |
| Webmaster                           | Jim Cooper                          | W2JC           |
| Asst. Webmaster                     | David Kozinn                        | K2DBK          |
| Technical Chair                     | Dave deCoons                        | WO2X           |
| EmComm                              | Jim Breheny                         | N2JLF          |
| RACES/ARES Director                 | Dave Gotlib                         | KD2MOB         |
| RACES/ARES Liaison                  | Steve Wraga                         | WA2BYX         |
| Newsletter Editor                   | Jim Cooper                          | W2JC           |
| Newsletter Publisher                | Jim Cooper                          | W2JC           |
| Club Station Manager                | Noel Pagan                          | W2MSA          |
| Quartermaster                       | Fred Wawra                          | W2ABE          |

## Want a Call Sign License Plate?

Amateur Radio (Ham operators) license plates may be purchased for a \$15 fee, for passenger vehicles, but not for commercial vehicles or motorcycles. (Applicants must be licensed by the Federal Communications Commission.)

Call MVC at 609.292.6500 or (toll free in NJ) 888.486.3339 to request an application.

The club has applications from time to time. If you would like an application, visit the "contact us" page, and we'll get one out to you.. Or find the form and detailed instructions at:

<https://www.state.nj.us/mvc/pdf/vehicles/SP-23.pdf>



## Letters:

### A feature of *The Resonator*

The editor has received a lot of nice notes, letters and comments about this newsletter and the club in general. We have not published them in the past but going forward we will at least try.

Here are the grounds rules:

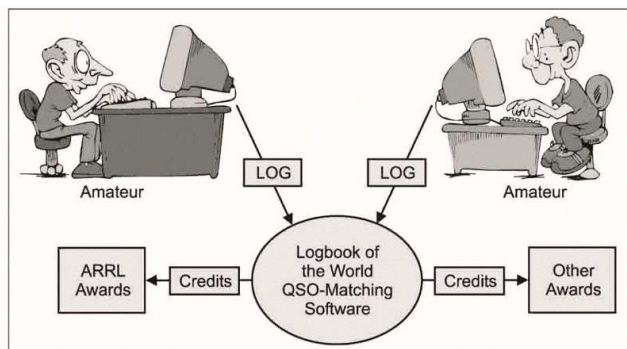
- Please keep all comments as brief and succinct as possible.
- No personal attacks.
- No political rants.
- No comments promoting violence, racism, religious intolerance, vulgarity, obscenity, or other such discourteous behavior.
- The Editor reserves the right to exclude any comments that violate our guidelines and may subject the writer to further disciplinary action by the club.

# A QSL card is the final courtesy of an amateur radio contact.

[https://en.wikipedia.org/wiki/QSL\\_card](https://en.wikipedia.org/wiki/QSL_card)

**INCOMING QSL Bureau** -- if you have been making on-the-air contacts, you might very well have a package of exciting QSL cards from around the world waiting for you at the incoming QSL Bureau. If you previously received cards from them, check to see if you have any "credits" left by going to [https://www.njdx.org/?page\\_id=869](https://www.njdx.org/?page_id=869). If you never contacted them, they probably have cards for you! Go to this page -- [https://www.njdx.org/?page\\_id=25](https://www.njdx.org/?page_id=25) and get some 'credits' to cover the postage for mailing your cards to you.

To learn about the W2 Bureau, [https://www.njdx.org/?page\\_id=30](https://www.njdx.org/?page_id=30)



Those who upload logs to Logbook of the World become eligible to redeem confirmation credits for awards. LoTW wants and needs *all* logs. Uploading is free, so send your logs today!

## SIG Group Membership

Here is an update on the Special Interest Groups... many groups have increased in size during the last month. About 45% of all members have joined at least one group.

| <u>SIG Name</u>   | <u>Leader</u> |
|-------------------|---------------|
| Contesting        | W2DLT         |
| Digital Voice     | N2AAM         |
| EmComm            | N2JLF         |
| Monitoring        | WX2R          |
| DX                | W2JC          |
| FT8               | W2JC          |
| Satellites        | N2AAM         |
| Portable Ops      | W2MSA         |
| Radio Astronomy   | WX2R          |
| Raspberry pi      | [open]        |
| Direction Finding | W2KBF         |

## Follow FLARC ON THE WEB

**Facebook:** <http://facebook.FairLawnARC.org>

**Twitter:** @FairLawnARC

**Youtube:** <http://youtube.FairLawnARC.org>

**Website:** <http://FairLawnARC.org>

Sign up for a group... or ...  
why not start one?

Contact [webmaster@FairLawnARC.org](mailto:webmaster@FairLawnARC.org)  
if you would like to start a new  
Special Interest Group.

# The Clubhouse Is Open Three Fridays In November!!

| Date    | Clubhouse Status                                                      |
|---------|-----------------------------------------------------------------------|
| Nov. 7  | <b>CLOSED</b> – Business Meeting<br>at Fair Lawn <b>Senior</b> Center |
| Nov. 14 | <b>OPEN</b>                                                           |
| Nov. 21 | <b>OPEN</b>                                                           |
| Nov. 28 | <b>OPEN</b>                                                           |
|         |                                                                       |



**Pop-Up Tuesdays are in-person at the club.**





## Contest Corner

Reported by Van W2DLT



### Primary contests for November – December 2025

1. --- ARRL Sweepstakes - SSB  
4pm Nov 15<sup>th</sup> to 10pm Nov 17<sup>th</sup> [local]
  - a. Objective: support self-training in radio-communications and improve operating skill.
  - b. Exchange: Serial number, Precedence (0 for single operator)
  - c. Your callsign
  - d. Check: The last two digits of the year your were licensed
  - e. ARRL Section
2. --- NA Sprint – SHORT CONTEST  
– GOOD FOR BEGINNERS
  - a. 7PM – 11 PM Nov 24  
– a Monday night
3. --- CQ WW DX CW –  
7PM Nov 29<sup>th</sup> to 7PM Nov 30<sup>th</sup>
  - a. One of the four BIG contests of the year.  
A good chance to hone CW skills
4. --- ARRL 10 meter contest –
  - a. GREAT chance for ALL Tech licensees to get on HF from home or from the clubhouse – spread over Saturday and Sunday (breakfast)
  - b. 7PM Saturday Nov 13<sup>th</sup> to 7PM Sunday Nov 14. If there is any interest, I will open the club Sunday (10 meters will probably be dead Sat. night anyway)

**\*\*\* PLEASE LET ME KNOW IF YOU'RE INTENDING TO WORK FROM THE CLUBHOUSE FOR ANY-ALL OF THE ABOVE -I'LL MAKE SURE I OPEN OR HAVE SOMEONE OPEN FOR YOU TO COME BY AND OPERATE.**

Van W2DLT - Contest Chairman –  
[vanw2dlt@yahoo.com](mailto:vanw2dlt@yahoo.com)  
or 201-207-3346

## FLARC October 18, 2025 VE Testing Results

Gene W02W reports the following results:

| Name                                      | Call   | License Earned |
|-------------------------------------------|--------|----------------|
| Serge Voilokov                            |        | General        |
| John Abbatangelo                          | KC2TDL | General        |
| Sean Kim                                  | N2SKK  | General        |
| Donald Kanarr                             |        | Technician     |
| Delso Fernandez                           |        | Technician     |
| FCC is not issuing call signs at present. |        |                |
|                                           |        |                |
|                                           |        |                |

Testing for next month will be at the Fair Lawn Recreation Center.

### Eleven Special Interest Groups [SIGs] Already Formed: Any Others?

Club interest continues to grow in the SIGs.

Another recently formed SIG is for those interested in Raspberry Pi and Arduino projects, but now includes DoItYourself (DIY)/Makers kit building, 3D printing and similar topics.

A list of all of the current SIGs is shown on page 13.

Other possible groups, from the member survey, include:

- Radio Propagation
- Antennas and how they work
- Ham radio software
- Technical assistance to club members

Anyone interested in leading any of these groups...?

Please contact [webmaster@FairLawnARC.org](mailto:webmaster@FairLawnARC.org)

## Vast Archive of FLARC Activities and Info

Members are reminded that we have a large archive of YouTube videos of our previous many years of Kawfee Tawk™ presentations, which cover many aspects of ham radio. Our mostly unsung hero club videographer, Thom W2NZ, has spent thousands of hours of his own time creating really professional quality videos of these 167 presentations. Visit our club YouTube page and you will see all of them listed on the main page, at <http://youtube.FairLawnARC.org>

Another large and rather unused archive is that of our seven years of the club newsletter, The Resonator. They provide a nice historical record of the many activities of FLARC over the years, as well as lots of useful info about ham radio and electronics. The entire archive is at <http://newsletters.FairLawnARC.org>

And don't forget the FILES area of our groups.io website, where useful and important info is saved: <https://fairlawnarc.groups.io/g/main/files>

## Renew Your ARRL Dues... Send Free Money to FLARC!

The ARRL has a great program to support affiliated clubs in that it sends part of your dues back to the club if you renew through the club.

So... when you get your ARRL renewal, send both your check and your renewal application to our trusty Treasurer, who will take care of getting your renewal to Newington and a fat check for \$5.00 back to FLARC.

Nothing can be simpler...  
you just have to remember!!

Print and use the  
form on page 22  
of this issue of  
The Resonator



## Club Apparel — Get Them While They're **RED**!

Club apparel is always in vogue. Red is always "in" and your club friends all have them... you *want* a shirt or jacket for the next FLARC event! Great for Field Day!

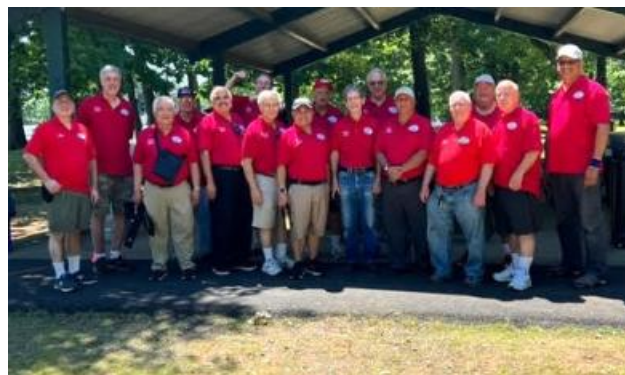
Don't forget.... they're easy to order.

Go to [www.hamthreads.com](http://www.hamthreads.com)

or visit <http://apparel.FairLawnARC.org>

Check out the item selection that is posted on the **FLARC website (with pictures and prices)**. Order the shirts or other items you want with either the regular FLARC logo or the still-cool 60th anniversary logo. Note: **RED** is the primary and preferred club standard shirt color.

And why not WEAR your nice red shirt when you come to the club, especially for meetings and events.



It's easy to spot FLARC members  
wearing their red club shirts !

## Ham Radio Is Contagious And It Won't Make You Sick!!

### 2025 FLARC Net On The W2NPT Repeater:

*Near and Far Net • Mondays at 8PM*

*W2NPT Repeater and EchoLink*

**Special Note:** As non-profit, the IRS now requires that we disclose annually the use of paid lobbyists to our members and indicate approximately what percentage of their dues goes toward that. 0% of your dues payment will be used by the club to directly pay a lobbyist firm to lobby on behalf of all our members regarding pending legislation that impacts our hobby.



**NEWHAMS.INFO**

Training, information, and encouragement for new amateur radio operators.

<https://newhams.info/>

### BEQUEATHS AND DONATIONS

Planned gifts usually imply the family donation of amateur equipment to the club when someone has become a Silent Key. But it can be more. Club members might consider making a gift through a will or trust; gifts that help provide lifetime income to the club. Consult with your lawyer, estate planner or tax advisor if you feel such a gift is worthy.

### About The Club

*The Resonator* is published monthly and is the official (and only) newsletter of The Fair Lawn Amateur Radio Club. FLARC was established in 1956 and has met continuously since inception. **The club is sponsored by the Borough of Fair Lawn.** The club meets every Friday, except when a Business Meeting is scheduled, at 6PM at the club station in The Fair Lawn Community Center, 10-10 20th Street, Fair Lawn, NJ. Business meetings are the first Friday of the month at 7:30 PM at the Fair Lawn Senior Center, and on Zoom.

Visitors **ARE ALWAYS** welcome at our meetings.

FLARC operates the W2NPT repeater (145.470- PL 167.9) located high atop the Community Center. The analog repeater is open to all amateurs for use without restrictions.

The club has nearly two hundred paid members.  
Dues are currently \$25 per year;  
\$20 for new members.

For more information, please see our website, at  
<http://membership.FairLawnARC.org>

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No other use without permission.

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Thanks!  
for your  
Support!!

**This is YOUR club.... Be a part of it !!**



**FAIR LAWN'S  
COMMUNICATIONS CENTER!**

***With Our Antennas On The Roof!***





## Theoretics Demystified

### Testers

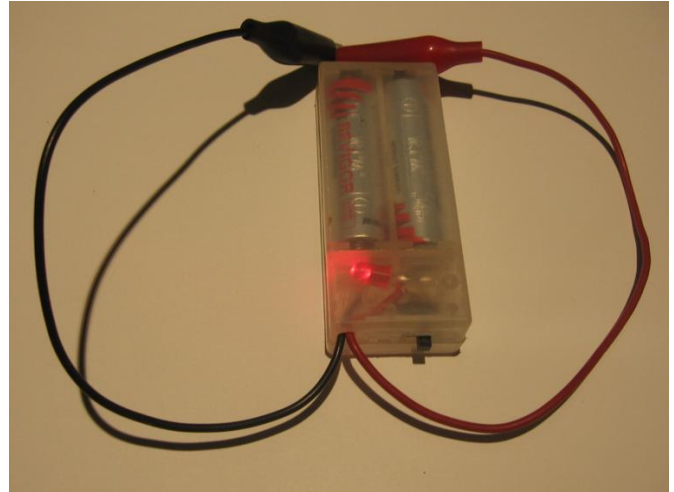
Another piece of test equipment is a “continuity tester.” It can be anything that will show that you have a complete circuit. Your meter will do the trick, but many times it is easier to have something that will light up so that your hands are free to use the probes to tap onto the circuit part you want to test.

If your tester makes sound also, so much the better; then you do not even have to look at the tester while you connect the probes to the part or circuit under test. Below are examples of continuity testers old and new.



This antique was a kit from many years ago. It has a light and if you flip the switch into the up position towards the light, you also have a buzzer so that you do not have to stare at the light to see if there is continuity or not.

Following is a picture of a homebrew tester that I made myself. It is made from a battery pack for a set of Christmas lights. I added a red LED which is wired to the power switch, which is on the plus side of the batteries and the test lead is red. The black test lead is connected to the negative terminal of the batteries. It is pictured in the adjacent column — note that the LED is on.



The antique tester works, but it is for show in the museum. (My museum) This homebrew tester has proved invaluable.

Below is a commercially made continuity tester. It has a remote LED indicator on clips in case you want to check a pair of wires — the LED lights on the remote end and the main unit lights for continuity as usual.



This was bought a few years ago and may not be available now, but you can find other similar testers.

Fred Wawra, W2ABE, 73.

Copyright material used with implicit permission of the author.

## HAMSPEAK

This time abbreviations.

### OSC:

stands for oscillator, a device that makes a signal.

### VFO:

A Variable Frequency Oscillator used to produce an output whose frequency can be changed. It is used in transmitting signals and in test equipment.

### BFO:

Beat Frequency Oscillator is mostly used in early receivers to generate a small RF signal close to the received morse code signal, to produce a tone to hear the code information.

### LO:

Local Oscillator, a low power oscillator whose output is mixed with a radio signal and produces an output with both the sum and the difference of both signals. The lower difference signal is used as the IF signal. The mixing of two signals with resulting higher and lower outputs is called heterodyning.

### IF:

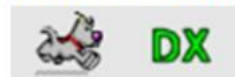
Intermediate Frequency, the lower output of the mixed signals in a radio, is used as it is easier to design circuitry for a lower frequency signal.

Fred Wawra, W2ABE, 73.

There's a wide variety of operating awards that can be earned by contacting stations around the world ... here is a variety of QRZ.com awards that have been earned by Brian N2BTD.



## DX Special Interest Group Update

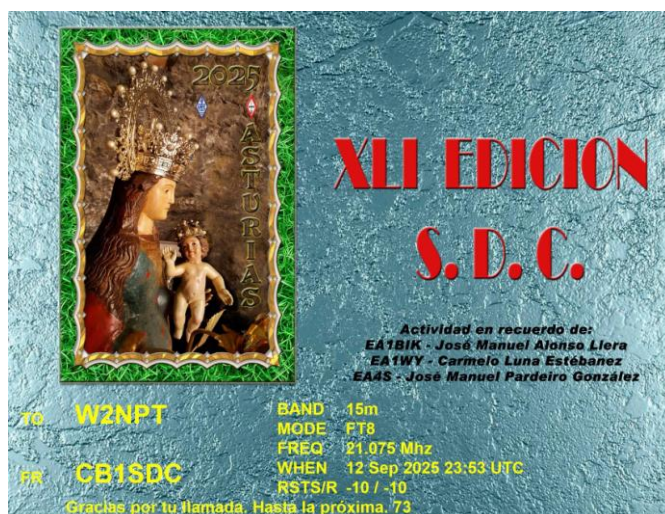


One of the many exciting aspects of ham radio is contacting foreign stations, especially ones in "rare" countries. Another is contacting Special Event Stations, especially if they are in foreign countries. And the special "icing on the cake" is receiving a fancy QSL card from those foreign or SES stations.

We have a few members who enjoy operating the club station -- with our impressive Opti-Beam and our modern, high quality equipment -- and finding and contacting such special stations. Extra excitement comes when the foreign country is an ATNO ... All Time New One... one we have never contacted before.

Have you noticed the DXCC Certificate on the wall next to the workbench in the main club room?

Recently, we received the electronic card below –



Strangely, the card does not say specifically where they are located or what the special event is, but reference to QRZ.com gives us some hints:

CB1SDC Chile  
Santina de Covadonga  
Aviles-Asturias 33400  
Spain

The call sign is from Chile, but apparently the event is honoring Asturias, Spain (look at the stamp design closely). Anyway, electronic QSL cards are becoming popular, BUT remember – they don't count for any awards. ☹



## ELECTRONIC DUES PAYMENTS ARE NOW AVAILABLE!



**FLARC dues, new and renewal — and even donations! —  
can now be made on-line ...**

Until permanent arrangements can be made, several fiduciaries of the Fair Lawn Amateur Radio Club have graciously agreed to forward electronic payments to the Club's bank account.

Payments can be made using Zelle account.

**zelle**

- Log into your Zelle account
- Use the following phone number as the recipient: 201-240-9317
- In the notes section, include your Call Sign and what year(s) the dues are for

Once complete, you may – for added assurance - send a screenshot to [treasurer@FairLawnARC.org](mailto:treasurer@FairLawnARC.org)

– please be sure to redact any personal information –  
(e.g. bank account number, balance, etc.)

**For both new and renewal, please complete the Membership Application form at**

**<https://FairLawnARC.com/membership.pdf>**

with your current info and either give it to a club officer  
or mail it to the address on the form.

For additional information on club membership, visit

<http://membership.FairLawnARC.org>

Visit the club website at <http://FairLawnARC.org> for info about the club,  
club activities, club history and our club 2-meter repeater.



For a PDF form that can be filled in on-line, then printed and mailed with check, [CLICK HERE](#)

Or you can print this page, fill it in and mail to the address shown at the bottom.



## Fair Lawn Amateur Radio Club

*Fair Lawn Recreation and Community Center  
10-10 20th Street  
Fair Lawn, N.J. 07410*

### MEMBERSHIP/RENEWAL FORM

Name \_\_\_\_\_ Call \_\_\_\_\_  
Address \_\_\_\_\_ PO Box \_\_\_\_\_ Ste./Apt # \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Roster Published Phone # \_\_\_\_\_ Unpublished Phone # \_\_\_\_\_  
Roster Published EMAIL \_\_\_\_\_ License class: \_\_\_\_\_

Check all that apply      ARRL Member ?      RACES Member ?      ARES Member ?      CERT ?      VE ?

Additional Family Members (In same household) --

Name \_\_\_\_\_ Call \_\_\_\_\_

Name \_\_\_\_\_ Call \_\_\_\_\_

Introductory and Student Membership      \$ 20      \$ \_\_\_\_\_  
(Students under the age of 18 eligible for student membership)  
(Introductory membership open to new members  
or not a member in last 7 yrs)

Associate Membership \*      (No Fee)  
\* Open to Fair Lawn Residents Only. No voting rights or other privileges.

Renewal of Current Membership      \$ 25      \$ \_\_\_\_\_

Three Year Renewal Incentive      \$ 65      \$ \_\_\_\_\_

(Single memberships only, family memberships excluded)

Additional Family Members # \_\_\_\_\_ at \_\_\_\_\_ \$ 5 each      \$ \_\_\_\_\_

Life Membership      \$ 625      \$ \_\_\_\_\_

Senior Life Membership (65 yrs. of age or over)      \$ 250      \$ \_\_\_\_\_

Equipment Fund Donation, above regular membership dues      \$ \_\_\_\_\_

Total submitted      \$ \_\_\_\_\_

\_\_\_\_\_ Date \_\_\_\_\_

I hereby acknowledge the By laws and rules and regulations of the club and will abide by them as amended

Please Note: Memberships are NOT Pro-Rated. Membership is from Jan 1<sup>st</sup> to Dec. 31<sup>st</sup> of any given year unless documented otherwise.

Please make your dues check payable to the "Fair Lawn Amateur Radio Club" and remit to the following address:

**Fair Lawn ARC  
– Attn: Treasurer  
10-10 20<sup>th</sup> Street  
Fair Lawn, NJ 07410**

Complete this form for NEW or RENEWAL of ARRL membership  
and give to FLARC Treasurer [David Gotlib KD2MOB] with your payment check.



## Membership Application

☐ New    ☐ Renew    ☐ Previous Member    ☐ Unlicensed

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**My Family Member is Joining or Renewing: (\$12 per member)**

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

☐ Please note my new address    ☐ I do not want my name and address made available for non-ARRL related mailings

### Your Annual Membership Dues\*

Circle Your Choice (rates effective Jan. 1, 2024)

|                                                        | 1 Year | 3 Years |
|--------------------------------------------------------|--------|---------|
| Standard membership                                    | \$59   | \$174   |
| Family (same membership exp. date and address)         | \$12   | \$36    |
| Student (must be under age 26)                         | \$30   |         |
| Blind (requires one-time statement of legal blindness) | \$12   | \$36    |

### Add-on ARRL Subscriptions

**QST**, ARRL's membership journal for active radio amateurs.

☐ 1 Year \$25\*    ☐ 3 Years \$75\*

**On the Air**, For beginner-to-intermediate-level radio amateurs.

☐ 1 Year \$25\*    ☐ 3 Years \$75\*

### Member Benefits

Your membership supports benefits, services, and programs that keep you active and on the air.

#### Membership Includes:

- Access to four digital magazines and archives (*QST*, *On the Air*, *QEX*, & *NCJ*)
- Unlimited courses through the ARRL Learning Center ([learn.arrl.org](http://learn.arrl.org))
- Logbook of The World®, contests, and award programs

...and more!

\*A print subscription for *QST* and/or *On the Air* requires an ARRL membership. Dues and subscription rates are subject to change without notice and are non-refundable

### Payment Information

\$ \_\_\_\_\_ Total Charge to:    ☐ Visa    ☐ MasterCard    ☐ AmEx    ☐ Discover    ☐ Check Enclosed

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Card Holder's Signature \_\_\_\_\_

Toll Free (US) 1-888-277-5289 or 860-594-0200 • ARRL, 225 Main St., Newington, CT 06111-1400  
membership@arrl.org • [www.arrl.org/join](http://www.arrl.org/join)

CLUB  
form rev 1/24

## November 2025

### FLARC Business Meeting

#### Meeting Summary for FLARC Nov 07, 2025 Monthly meeting

Nov 07, 2025 07:30 PM Eastern Time

#### Quick recap

The FLARC monthly meeting proceeded with discussions about membership updates, financial reports, and upcoming amateur radio contests. The club approved purchasing a new repeater controller and planned the annual auction, while also reviewing recent achievements like the successful ISS contact and discussing various special interest groups. The conversation ended with updates on the holiday party, discussions about drones and Meshtastic nodes, and a reminder about the HOA-related petition for amateur radio licensees.

#### Next steps

- Dave WO2X: Call Tower Climbers tomorrow or Monday to discuss tower work for 6 and 10 meter Yagi antenna installation
- Dave WO2X : Purchase link controller for repeater linking project for \$525
- Brian KD2KLN: Coordinate volunteers for annual auction on Friday, November 28th
- Gene WO2W and Nomar NP4H: Finalize empanada catering arrangements with Teaneck restaurant for auction
- Van W2DLT : Open the club on Sunday, November 14th for 10-meter contest
- Jim W2JC : Send out email on I.O. group with volunteer sign-up form for auction
- Jim W2JC : Set up I.O. group for drone special interest group
- Henry KB2BEE and Avanti KC3DZG: Research and prepare presentation on using drones for amateur radio antenna installation for January coffee talk
- Carl W2KBF: Submit proposal to board for Meshtastic node installation on club tower
- Nomar NP4H: Follow up with Noel about Winter Field Day organization and Pompton Lakes van availability
- Sky KD2SOG: Provide photos and video link of ISS contact for resonator, including local press coverage links

#### Summary

##### Technical Difficulties and Attendance Updates

The meeting experienced technical difficulties with audio and screen sharing, which were eventually resolved. The group confirmed audio issues were resolved, and Judith inquired about Chris's KE2NJ absence, which was noted by Nomar, since Chris was scheduled to present a Kawfee Tawk™ on "Doing POTA in Ireland." It was reported that Chris had been detained at his workplace unexpectedly and would be rescheduled for early next year.

##### Meeting Rescheduling and Technical Updates

The meeting began with the Pledge of Allegiance to the flag, followed by a request for any additions or corrections to last month's meeting minutes as published in the Resonator newsletter. No changes were requested and a motion was made by Skip KD2BRV to accept the minutes as published, seconded by Dave WO2X. Accepted unanimously. A "quorum call" was made and six of the seven board members were present; Noel W2MSA was absent.



## **November 2025 FLARC Business Meeting, cont'd.**

Treasurer KD2SOG gave his report for the month. (Text of his report is at the end of this summary.) We now have 134 total paid members, including 31 life members.

Nomar NP4H made a motion to accept the Treasurer's report; seconded by Robert KC2ORX.

Motion passed unanimously.

Secretary W2JC gave the following report: During last month, about 50 emails were sent to those who were previous members but had not paid 2025 dues. Six responses were received, all of whom paid their current dues. Some paid for several years in advance. So the emailing worked out fairly well. Secretary W2JC reminded all that 2026 dues will soon be due, and that he will get the renewals and assure that the roster is updated and that the members are properly enrolled in groups.io and Slack and our other email list. The dues payments and information will then be passed to the Treasurer for deposit. With effort from Secretary W2JC and Treasurer KD2SOG, the roster has been organized, confirmed and configured so that it will be easy at the end of each year to know exactly who needs to renew for the next year. A current copy of the paid-member roster is now kept in the FILES area of our main groups.io web page. (FairLawnARC.groups.io is restricted to paid-up members of FLARC). And a reminder that the club December Holiday Party is for paid-up members and their family guests.

President WO2W advised that according to the club ByLaws, nominations for next year's officers is open "from the floor" at the November meeting. These nominations would be in addition to the Nominating Committee's slate of suggested nominations which was presented at the October meeting. President WO2W called for nominations from the floor. There were none, meaning that the Nominating Committee's slate of officers would be unanimously elected for next year.

President WO2W then called on Van W2DLT, as chairman of the Contest Committee, for a report -- including upcoming contests for December and January. Van shared a document for the FLARC Monthly meeting, which will be reproduced in the Contest SIG column of the November Resonator newsletter. Van reminded members that the ARRL 10 Meter Contest will run on the weekend of November 13th and 14th and this would be a great opportunity for our Technician class members to get some HF on-the-air experience. The "Sunday Morning Breakfast Club" on Sunday morning from 0900 to noon local time would be a great time for those members to come to the club and get on the air, even using their own call sign if they want to log some HF contacts of their own. There will be experienced operators there to coach the Technicians on procedures and how to use our club equipment.

President WO2W then called on Dave WO2X, chairman of the Technical Committee, for a report. Dave reported that both of our Flex Radio transceivers have been upgraded to the new major version update of 4.0.1 firmware and software and the upgrades went smoothly.

Regarding the planned installation of the 6 and 10 meter yagi antenna and new repeater antenna on Tower 2, Dave reported that the professional tower climber we had planned to use, Noah K2NG, has had back and knee problems and he did not expect to be able to do the work until at least after Thanksgiving.

The Tech Committee is investigating other tower climbers, one in the Hudson Valley and one in New Hampshire, to discuss the work we need done and their availability. Our desire is to get the work done before bad weather sets in. Dave reported that we've got the rotor plates, we've got the rotor tested, the cables are all tested and checked — so we're ready to go once we have the tower company on site to do the work. My estimate on on-site work would probably be 4 hours, maximum.

## November 2025 FLARC Business Meeting, cont'd.

Dave WO2X also reported on the project to link our 2-meter repeater with his 440MHz repeater on the Alpine Tower. Dave had been given an ACC Linking Controller unit which he hoped to use for the project, but when he checked it there were technical problems that are not economically worth fixing. Dave has submitted a proposal to the Board for the purchase of a modern controller unit that would enable the linking of the two repeaters. The new controller would cost \$525, and the purchase has been approved by the Board. Dave reminded us that the Alpine repeater has excellent coverage over the metropolitan area, and would enable many of our “farther out” members to access the FLARC repeater. He noted that he was recently told that an operator in their mobile was able to reach the 440MHz repeater from Exit 8 on the NJ Turnpike. Dave also noted that he intends to include “the ability to remotely enable or disable the link, just in case there's somebody who's causing trouble on the other repeater, or if we only need local coverage in town and don't want to tie up both repeaters — like on Memorial Day when we do the parade, or the fireworks, we're on our repeater, and we don't want to tie up the 440 machine.”

### Auction plans

The annual auction was announced for November 28th, with paper-based forms and copies being prepared for sellers and cashiers, and Gene and Nomar planned to offer empanadas as a new food item at the auction. They considered offering various types, including pizza and cheese empanadas, which are cheaper than meat options.

Brian KD2KLN reminded everyone about the upcoming auction in two weeks and encouraged volunteering. The team planned to set up for the auction on Friday at 3 p.m., with Brian and Nomar confirming their availability to help with setup and running the event. Many other members will be needed to sign in Sellers and Buyers at the door, to set up the tables and chairs, to run the food center, to bring sold items from the auction table to the cashier table, and other such tasks. If you can be there and help out, please let Brian know at [auction@FairLawnARC.org](mailto:auction@FairLawnARC.org) ...

Jim W2JC, webmaster, added that since the auction committee is planning to do everything with paper this year he has added the Seller and the Buyer check-in forms to the website at <https://auction.FairLawnARC.org> as PDF files that can be downloaded, printed and filled out in the quiet of your home and just handed in at auction check-in — which should speed up arrival and check-in considerably. Sellers can fill in the whole list of items they will have for auction ahead of time, rather than filling out the forms by hand at the check-in table.

After the auction discussion, we were serenaded by Karl W2KBF and his guitar, with ditty about the auction based on the 1-800-JUNK advertisement jingle.

### Holiday Party and DXCC Updates

The club discussed the upcoming holiday party, where Carl will perform with his accordion. The club celebrated the successful ISS contact on October 6th, where 21 out of 24 student questions were answered in the time the Space Station was readable on the radio, and thanked the FLARC team members for their efforts. Sky KD2SOG summed up the event in his report: “As all of you may know, on October 6th at 10:24 Eastern Time, we had a contact with the International Space Station. It went extremely well. The kids were able to ask 21 of their 24 questions. And the enthusiasm on the kids' faces was truly a sight to see, and I'd like to thank, again, Steve WI2W, Doug KE2FWN, Noel W2MSA, and Rhea N2RJ for all of their extensive work and time commitments to get the contact off the ground. This project took nearly a year to accomplish, and the opportunity for the kids in

## November 2025 FLARC Business Meeting, cont'd.

Paterson to be a part of it was a landmark moment for FLARC, and a great example of our commitment to public service. So I'd like to give everybody involved a big round of applause." Jim W2JC commented that there are very few clubs in the country who have sponsored TWO ISS student contact events in ONE YEAR.

Jim W2JC also reviewed the club's DXCC progress, with 158 confirmed countries and entities, and encouraged members to contribute articles for the newsletter and suggest topics for future Kawfee Tawks.

### FLARC Updates and SIG Reactivation

Nomar announced two updates: a reminder for members to join and sign a petition regarding HOA issues for amateur radio and GMRS licensees [ <https://www.amateurradio.com/arrrl-pass-the-bill/> and <https://send-a-letter.org/hoa/> ], and the creation of Hiram Lodge, the first amateur radio/Masonic Lodge in New Jersey, which aims to attract new members.

Jim W2JC discussed the need to reactivate Special Interest Groups (SIGs) within the club, encouraging members to contact their respective leaders and utilize the available Zoom room for meetings and discussions.

### Drone SIG and Club Updates

The club discussed several topics including SWLing, Meshtastic nodes, and drones. Henry KB2BEE proposed creating a drone special interest group, which was approved. The group discussed using drones to inspect antennas, with Avanti KC3DZG suggesting this could help identify issues with the club antennas without needing ladder access. Karl W2KBF suggested allowing a Meshtastic node on one of the club's towers, pending a proposal and board approval. The club also briefly discussed Winter Field Day, with Nomar NP4H confirming it would be organized. Fred W2ABE provided a quick quartermaster report, noting that the inventory had been updated and was available in both digital and physical forms.

There being no further new or old business, President WO2W asked for a motion to close the meeting. Motion was made by Robert KC2ORX and seconded by Nomar KP4H. Passed by voice vote.

Submitted by Jim Cooper, W2JC  
Secretary, Fair Lawn ARC

See next page for Treasurer's report.





## November 2025 FLARC Business Meeting, cont'd.

### Report from club Treasurer:

Good evening, FLARC Members!

Firstly, our fiscal position remains good. Our current bank balance reflects an increase of \$2,358.05 from past month's balance. This is also a decline from our 2024 start balance of \$1016.80. The main reason for the large change Month over Month is the deposit of the proceeds from our hamfest. There were no expenses paid last month besides reimbursing Van \$66.71 for some contest pizza on 20 Sept. I have one account payable pending, \$50 for our insurance for the contact in Paterson.

On the income side, we have had many members begin their renewals, including WX2R, N2RJ, KC2JEJ, KD2PLR, K2ZMM, and several others, plus several new members have joined FLARC recently. We now have 134 total paid members.

Our petty cash fund remains unchanged since June, at \$185. As a reminder, we also have a coffee fund in the pot next to the Keurig in the clubhouse. "If you have a cup, give a buck."

As a reminder, given we also had over \$1800 in capital expenses this year, leads me to assess (as I have said many times) that our fiscal trend line is in excellent shape, and we continue to operate in-the-black. I appreciate the opportunity to serve as your treasurer and look forward to passing the organization's sound checkbook on in December.

Secondly, and related, I have begun the process – with Jim W2KNG – of shifting the club's assets to our new Incorporated association. As a reminder, this provides significant benefit to the club, including legal protection of our assets (most notably, all of our radios), as well as the capacity for our bank balance to earn interest. I will have this ready for a final vote, as required by our bylaws, at our December meeting // holiday party.

Thirdly, it is quickly becoming time to renew your membership in FLARC! Our Secretary and I have been working to send out a reminder email to all members whose membership is expiring. There are 58 members expiring at the end of 2025. All FLARC memberships run for the calendar year. The key reason that FLARC is such a successful club with so many programming events, such as Kawfee Talks, is the continued active participation of so many members.

Fourth and finally, I have very good news from our youth outreach project in Paterson, NJ. Our contact on Monday, 6 Oct 2025, at 10:24 Eastern went extremely well! The kids were able to ask 21 of 24 questions, and the enthusiasm on their faces was truly a sight to see. I'd like to thank Steve W12W, Doug KE2FWN, Noel W2MSA and Ria N2RJ for all their extensive work and time commitments to get the contact "off the ground," pun intended. Photos, as well as a link to the video of the contact, will be available in The Resonator. There was also some local press coverage of the contact. This project took nearly a year to accomplish, and the opportunity for the kids in Paterson to be a part of it is a landmark for FLARC and a great example of our commitment to public service.

We've also incurred some minor expenses related to this, the biggest of which was a \$50 admin fee related to updating our insurance. I personally chose to donate some of my expenses to the club, such as our rigging equipment (in no small part due to sheer laziness in printing an Amazon receipt).

As always, feel free to email me any questions.

73

KD2SOG [Treasurer@FairLawnARC.org](mailto:Treasurer@FairLawnARC.org)